

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	AUG 26 2004	Atty. Docket No. CH7861/LeA 35,552	Serial No. 10/762,106
LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)		Applicant Knud Reuter et al		
		Filing Date January 21, 2004		
U.S. PATENT DOCUMENTS				

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>hr</i>	AA	4,987,042	01/22/91	(Bel. to corresp. to EP Jonas et al)	339 340) 429	213	
	AB	4,949,430	09/25/90	(Bel. to corresp. to EP Jonas et al)	339 340) 526	257	
	AC	4,959,430	09/25/90	(Bel. to corresp. to EP Jonas et al)	339 340) 526	257	
	AD	4,987,042	01/22/91	(Bel. to corresp. to EP Jonas et al)	339 340) 429	213	
	AE	5,035,926	01/30/91	(Bel. to corresp. to EP Jonas et al)	339 340) 427	393.1	
	AF	5,111,327	05/05/92	Blohm et al	526	256	
	AG	5,300,575	04/05/94	(Bel. to corresp. to EP Jonas et al)	440 957) 525	186	
	AH	6,130,339	10/10/00	Tan et al	549	50	
	AI	2002/0165338 A1	11/07/02	Martin et al	528	377	
	AJ	2003/0139505 A1	07/24/03	(Bel. to corresp. to EP Reuter et al)	1327 645) 524	265	
<i>hr</i>	AK	2003/0216540 A1	11/20/03	(Bel. to corresp. to EP Reuter et al)	1352 918) 528	380	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
<i>hr</i>	AL	1 321 483	06/25/03	Europe				
<i>hr</i>	AM	186 43 031	04/23/98	Germany (Abstract attached)				X
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>hr</i>	AR	Adv. Mater., 12, No. 7, (month unavailable) 2000, pages 481-494 L. "Bert" Groenendaal et al,
		"Poly (3,4-ethylenedioxythiophene) and Its Derivatives: Past, Present, and Future"
<i>hr</i>	AS	Adv. Mater., 6, No. 2, (month unavailable) 1994, pages 138-142, Christine Thobie-Gautier et al,
		"Electropolymerization of Thiophene Derivatized with a Mesogenic Substituent"
<i>hr</i>	AT	Chem. Letters, (month unavailable) 2000, pages 936-937, Masashi Kijima et al, "Synthesis of a
		Novel Ionic Liquid Crystalline Polythiophene Having Viologen Side Chain"
EXAMINER	<i>Reuter</i>	DATE CONSIDERED <i>5/12/03</i>

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

Neither English Language Equivalent nor an English Language Translation is available.

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	AR	Journal of Material Science, 37, (month unavailable) 2002, pages 1767-1775, A. Cirpan et al
<i>hr</i>		"Synthesis and characterization of conducting copolymers of thiophene-3-yl acetic acid cholesteryl ester with pyrrole"
<i>hr</i>	AS	Macromolecules 24, (month unavailable) 1991, pages 455-459, G. Daoust et al, "Structure-Property Relationships in Alkoxy-Substituted Polythiophenes"
<i>hr</i>		Synthetic Metals, 124, (month unavailable) 2001, pages 471-475, K. Krishnamoorthy et al,
<i>hr</i>	AT	"Electrochromic polymer based on a rigid cyanobiphenyl substituted 3,4-ethylenedioxythiophene"
EXAMINER		DATE CONSIDERED <i>5/12/05</i>

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<i>mr</i>	AR	Synthetic Metals, 102, (month unavailable) 1999, pages 1291, X.M. Dai et al, "Synthesis and properties of polythiophene derivatives with ferroelectric liquid crystalline substituents"
<i>mr</i>	AS	Krishnamoorthy, K. et al: "Dendronized electrochromic polymer based on poly(3,4-ethylenedioxythiophene)" Polymers, 43(24), 6465-6470 Coden: Polmag; ISSN: 0032-3861, 2002, XP000438533
<i>mr</i>	AT	Kros, Alexander et al: "Poly(3,4-ethylenedioxythiophene)-based copolymers for biosensor applications" Journal of Polymer Science, Part A: Polymer Chemistry, 40(6), 738-747 Coden: JPACEC; ISSN: 0887-624X, 2002, XP002244145
EXAMINER	<i>Shea</i>	DATE CONSIDERED <i>5/1/05</i>

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<i>h</i>	AR		Perepichka, Igor F. et al: "Hydrophilic Oligo(oxyethylen)-Derivatized Poly(3,4-ethylenedioxy-thiophenes): Cation-Responsive Optoelectrochemical Properties and Solid-State Chromism: Chemistry of Materials, 14(1), 449-457 Coden: Cmatex; ISSN: 0897-4756, 2002, XP001182404				
<i>h</i>	AS		Besbes, Mohamed et al: "Rapid and efficient post-polymerization functionalization of poly(3,4-ethylenedioxythiophene) (PEDOT) derivatives on an electrode surface" Advanced Materials (Weinheim, Germany), 13(16), 1239-1252 Coden: Advmew; ISSN: 0935-9648, 2001, XP001130234				
	AT						
EXAMINER <i>Rea</i>			DATE CONSIDERED <i>5/1/05</i>				

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